

3. (Previously Presented) The method of claim 1 comprising the step of circulating the cell suspension.
4. (Originally Filed) The method of claim 1 wherein the reservoir comprises an opening and the method comprises the step of providing a closure having a port in fluid communication with the reservoir, wherein the closure forms a fluid-tight seal with the reservoir to seal the opening.
5. (Originally Filed) The method of claim 4 wherein the step of inoculating comprises inoculating the culture media through the port in the closure.
6. (Previously Presented) The method of claim 4 wherein the step of aerating comprises aerating the cell suspension through the port in the closure.
7. (Originally Filed) The method of claim 1 wherein the step of aerating comprises bubbling the aerating fluid through the cell suspension.
8. (Originally Filed) The method of claim 4 comprising the step of circulating the cell suspension through the port in the closure.
9. (Originally Filed) The method of claim 1 comprising the step of sealing the reservoir to prevent a contaminant cell or microorganism from entering the reservoir.
10. (Presently Amended) A method for culturing one or more cell~~[[s-and/]]~~ or ~~[[a]]~~ microorganism, comprising the steps of:  
providing a disposable first liner forming a reservoir having an opening;  
attaching the first liner to a closure to close the opening;  
introducing into the reservoir a cell suspension comprising ~~comprised of~~  
culture medium and ~~one of~~ one or more cells or ~~[[a]]~~ microorganisms;  
culturing the cell~~[[s]]~~ or microorganism in the reservoir;

detaching the first liner from the closure after culturing the cell~~[[s]]~~ or microorganism; and  
attaching a second liner to the closure after detaching the first liner~~[[;]]~~.

11. (Originally Filed) The method of claim 10 comprising the step of aerating the cell suspension with a fluid at a flow rate.
12. (Originally Filed) The method of claim 10 comprising the step of circulating the culture medium within the reservoir.
13. (Presently Amended) The method of claim 11 ~~10~~ comprising the step of detecting a growth characteristic of the cell or microorganism in the cell suspension and varying the aerating fluid composition in response to the detected characteristic.
14. (Previously Presented) The method of claim 13 wherein the reservoir is translucent, and the step of detecting a growth characteristic comprises optically detecting a characteristic of the cell suspension while the cell suspension is in the reservoir.
15. (Previously Presented) The method of claim 10 comprising the step of detecting a growth characteristic of the cell suspension and varying the aerating fluid flow rate in response to the detected characteristic.
16. (Previously Presented) The method of claim 15 wherein the reservoir is translucent, and the step of detecting a growth characteristic comprised optically detecting a characteristic of the cell suspension while the cell suspension is in the reservoir.
17. (Previously Presented) A method for culturing cells and/or a microorganism, comprising the steps of:

providing a first flexible plastic reservoir having a first opening;  
introducing a culture media into the first reservoir;  
introducing cells or a microorganism into the first reservoir;  
closing the first opening so that the first opening is substantially closed while  
maintaining a port for fluid transfer into the first reservoir;  
providing a second reservoir having a culture media;  
circulating the culture media between the first reservoir and the second  
reservoir through the port in the first opening.

18. (Originally Filed) The method of claim 17 comprising the step of circulating the culture media within the second reservoir.
19. (Originally Filed) The method of claim 17 comprising the step of circulating the culture media within the second reservoir with an aerating fluid.
20. (Originally Filed) The method of claim 17 comprising the step of aerating the cells or microorganism with a fluid.
21. (Originally Filed) The method of claim 20 wherein the cells or microorganism are aerated by aerating the culture media in the second reservoir.
22. (Previously Presented) The method of claim 20 wherein the culture media and the cells or microorganisms are combined to form a cell culture, wherein the method comprises the step of detecting a growth characteristic of the cell or microorganism in the cell culture and varying the flow rate and/or composition of the aerating fluid.
23. (Previously Presented) The method of claim 22 wherein the method comprises varying the flow rate of the aerating fluid.
24. (Previously Presented) The method of claim 22 wherein the method